

INFORMATION DISCLOSURE CITATION
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Docket Number (Optional)
SHC0155

Application Number
Unknown

Applicant(s)
Hisashi Takai et al.

Filing Date
Herewith

Group Art Unit
Unknown

1046 U.S. PTO
10/013984
10/30/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRI- ATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
50		61-176346	8/8/86	Japan	Drawings Only			
80		63-243360	10/11/88	Japan	Drawings Only			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

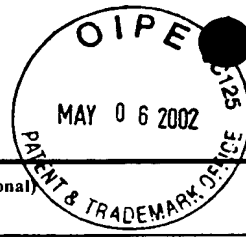
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number (Optional) SHC0155	Application Number 10/013,984
	Applicant(s) Hisashi Takai et al.	
	Filing Date October 30, 2001	Group Art Unit 3761

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SW		4741941	5/3/88	Englebert et al.			
SW		5824352	10/20/98	Yang et al.			
SW		5897543	4/27/99	Francis			
SW		6048600	4/11/00	Hansson			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
SW		EP 0 995 414 A1	4/26/00	Europe				
SW		EP 0 025 826 A2	8/9/00	Europe				
SW		EP 1 121 916 A2	8/8/01	Europe				
SW		WO 94/20054	9/15/94	PCT				

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SW		European search report mailed March 21, 2002.

EXAMINER Jamiesue A Webb	DATE CONSIDERED 6/2/03
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